

PATENT ATTORNEY DOCKET NO. 044481-5049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Ting SU et. al.) Group Art Unit: 1625
Application No.: 09/576,633) Examiner: Z. Davis
Filed: May 24, 2000)
For: INHIBITORS OF FACTOR Xa)
Commissioner of Patents and Trademarks Washington, D.C. 20231	
Sir:	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed to the best of the undersigned's knowledge before the mailing date of a Final Office Action or Notice of Allowance on the merits for the above-referenced application. A check in the amount of \$ 180.00 to cover the fee set forth in § 1.17(p) accompanies this Information Disclosure Statement.

Copies of the listed documents are enclosed. The listed documents were cited in an International Search Report issued in either a counterpart or related PCT application. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

12/17/2001 CCHAU1 00000118 09576633 01 FC:126 180.00 OP

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Applicants also bring to the attention of the Examiner the following applications with a common assignee and requests consideration of the applications and any and all references therein:

Application No.	Filing Date
09/576,632	May 24, 2000
09/577.154	May 24, 2000

A copy of the above-listed applications is also enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies the documents as "prior art" against any claim in the application and Applicants determine that the cited document does not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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EXCEPT for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE**PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Christine S. Lee

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Dated: December 14, 2001

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Attorney Docket No.: Application No.: INFORMATION DISCLOSURE CITATION 044481-5049 09/576,633 (Use several sheets if necessary) Applicants: Ting SU, et al. **PTO Form 1449** Group: 1625 Filing Date: May 24, 2000 **U.S. PATENT DOCUMENTS** Examiner **Document** Sub Initial Class Class Filing Dat Number Date Name 3,235,597 A 02/15/1966 Mills et al. 260 570.5 247.1 3,895,010 A 07/15/1975 Goralski et al. 260 FOREIGN PATENT DOCUMENTS Translation **Document** Sub Number Date Country Class Class Yes No 30 July 1959 X 1 062 253 B DE 23 December 1998 WO 98/57934 98/28282 2 July 1998 wo 2 July 1998 WO 98/28269 99/10316 4 March 1999 WO w/ English X Language Abstract 1 020 434 A1 19 July 2000 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Blicke, F.F., et al., "The Reaction Of The Chloromagnesium Derivative Of Chloromagnesium Phenylacetate With Isocyanates, Carbamyl Chlorides And Isothiocyanates," Journal of the American Chemical Society, Vol. 77, No. 18, pp. 4849-4851 (1955). Saito, Toshinori, et al., "Transacylation of Cephalosporin; Isolation and Reactions of the Imidate Esters," J.C.S. Perkin Transactions I, No. 4, pp. 1058-1063 (1981). Barrett, Anthony G. M., et al., "Phenol Oxidation and Biosynthesis. Part 26. Isonitriles in the Synthesis of Benzylisoquinoline Derivatives," J.C.S. Perkin Transactions I, No. 3, pp. 652-661 (1979). Nicholas, H. O. and Erickson, J. L. E., "Substituted Amides. I. The Preparation of Substituted Acetamides and the Corresponding Primary Amines," Journal of the American Chemical Society, Vol. 48, No. 8, pp. 2174-2176 (1926). Gray, Nancy M., et al., "Phencyclidine-like Effects of Tetrahydroisoquinolines and Related Compounds," J. Med. Chem., Vol. 32, No. 4, pp. 1242-1248 (1989). Kataoka, Tadashi, et al., "Preparation of Sulfonamides From Sodium Sulfonates: Ph3P•Br2 and Ph3P•Cl2 as a Mild Halogenating Reagent for Sulfonyl Bromides and Sulfonyl Chlorides," Synthesis, No. 4, pp. 423-426 (1998). A. M. Ismaiel, et al., "2-(1-Naphthyloxy) Ethylamines With Enhanced Affinity For Human 5-HT₁Dbeta (h5-HT₁B) Serotonin Receptors" Journal of Medicinal Chemistry, Vol. 40, No. 26, pp. 4415-4419 (1997). D. H. R. Barton et al., "The Catalytic Effect Of Copper Ions In The Phenylation Reaction Of David and Thieffry", Journal of the Chemical Society, Chemical Communications, No. 1, pp. 65-66 (1986). L. W. Deady, et al., "A New Synthesis Of N-arylazetidines", Tetrahedron Letters, No. 14, pp. 1773-1776 (1968). G. F. Grillot, et al., "Condensation of Thiophenols and Formaldehyde With Some Aromatic Amines", Journal of Organic Chemistry, Vol. 24, No. 8, pp. 1035-1038 (1959). E. Bäder, et al., "Neue Methoden zur Darstellung von Sulfonaminen (IV. Mittell.: Polymerisationen und Polymerisationskatalysatoren)", Chemische Berichte, Vol. 88, No. 1, pp. 41-49 (1955). S. T. McDowell, et al., "Elimination-addition. Part XI. Electronic Effects Upon The Reactivity Of Aryl Vinyl Sulphones Towards Amines", Journal of the Chemical Society, Section B: Physical Organic Chemistry, No. 5, pp. 348-350 (1967). A. W. M. Lee, et al., "A Facile Total Synthesis Of Isoquinoline Alkaloids", Journal of the Chemical Society, Perkin Transactions I, No. 3, pp. 309-310 (1992). J. L. Belletire, et al., "A Useful Approach To Primary Amines", Synthetic Communications, Vol. 18, No. 1, pp. 29-36 (1988). Examiner **Date Considered** Examiner: Initial if reference c nsidered, whether or n t citati n is in c nformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.